



# PORSCHE A2DIY-CR12 Add-On Module for CR-1 and CR-2 Radios Installation Guide

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## PORSCHE A2DIY-CR12 Add-On Module for CR-1 and CR-2 Radios



## PRODUCT SAFETY & DISCLAIMER

**READ ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLING, FAILURE TO DO SO MAY CAUSE PERSONAL INJURY OR DAMAGE TO PRODUCT AND/OR PROPERTY**

- This installation guide is provided as a GENERAL installation guide, some vehicles vary and may require additional steps. We do not accept responsibility for third party labor charges or modifications. Exercise due-diligence when installing this product.
- We do not accept any responsibility for vehicle damage or personal injury resulting from the installation of this product.
- Careless installation and operation can result in equipment damage

**Requirement Porsche CR1 or CR2 radio**

**Introduction**

If looking to add Bluetooth® features to Porsche CR-1 or CR-2 radios you should consider the A2DIY-CR12 kit. This revised easy to install kit is essential to adding Bluetooth® features to older vehicles while keeping everything stock. This “triple play” module supports APTx “CD-like” high quality audio for streaming music and sounds great for (1) mobile conversations, (2) streaming Pandora, Sirius radio, Apple music, audiobook, podcast and (3) CD changer retention OR an AUX input (vehicles without changer). Use included media button (remote) to adjust Smartphone: volume, track up/down/pause and more and can be mounted to steering wheel or dashboard. In addition, an optional “Fast charge” USB port helps to keep devices charged while on the road. Thanks to the A2DIY-CR12 kit, Porsche owners can update to Bluetooth® without changing original radio.

**Warning:** Works in vehicles with or without CD changer. If retaining CD changer; skip to installation 2 on page 4.

**Installation 1**

**Vehicles without CD changer**

Radio removal required to gain access to connectors. Remove trim ring and ensure both tabs are centered at which point radio is pulled from dash (grasping the cassette opening provides some leverage) or push from rear. Proceed with step 1

**Alert: CD changer (if present) must be disconnected.**



Fig. 1



Fig. 2  
radio connector

1. Connect harness 13-pin plug (See Fig. 1) to radio 13-pin connector (See Fig. 2)
2. See **Frequently Asked question** at the end of this guide for more details.
3. Connect supplied 3.5mm audio cable (See Fig. 3) to module "AUX" jack (See Fig. 4). Route audio cable to dash area or wherever Aux device will reside (within 3 ft.)



Fig. 3  
Audio cable



Fig. 4  
Module

4. Secure visor microphone (See Fig. 5) to visor or headliner using included visor clip (See Fig. 6)



Fig. 5  
Microphone



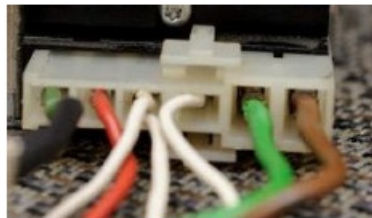
Fig. 6  
Visor clip

5. Route microphone cable down pillar, under steering column and into radio cavity.

6. Route microphone cable down pillar, under steering column and into radio cavity.
7. Connect microphone plug to Module "MIC" input jack (See Fig. 4)

**Be cautious not to damage or cut both microphone cable.**

1. Power connection:
2. 993 CR-1/CR-2 radios e.g. 993.645.104.00 with 8-pin iso plugs (See Fig. 7) are plug-n-play – 994 CR-1/CR-2 radios e.g. 964.645.014.00 with 5-pin power plug are not plug-n-play and requires splicing ground and accessory wires.



964 wiring



993 wiring

3. 993: Connect (car side) 8-pin plug to installation harness 8-pin connector (See Fig. 8).



**Fig. 8**  
installation harness

4. Connect harness 8-pin plug (See Fig. 8) to radio.
5. 964: Tap black wire to ground (brown) and Red wire to accessory (green) as seen in Fig. 7 (radio colors may vary but position remain the same)

## Installation 2

Vehicles with CD changer CD Changer must be in working order. If for some reason CD no longer functions, this module will also not function.

Radio removal required to gain access to connectors. Remove trim ring and ensure the 2 tabs are centered at which point the radio is pulled out the dash (grasping the cassette opening provides some leverage) or push from rear. Proceed with step 1 below

1. Disconnect factory CD changer plug from radio
2. Connect factory CD changer plug to module 13-pin connector
3. Connect harness 13-pin plug (See Fig. 9) to radio 13-pin connector (See Fig. 10)



Fig. 9



Fig. 10  
radio connector

4. Proceed to step 3 on page 3 to complete the rest of the installation



This fast charge USB kit can be added to any vehicle. It supports BC1.2, QC2.0, QC3.0, PE1.1, PE2.0, FCP, SFCP fast charge protocols (Apple, Samsung, Huawei etc.) Note: iPhone "Fast charge" kicks in when battery capacity is between 0-79%, and return to regular charge mode when it reaches 80%.

Should you decide to add to car, we suggest one of 3 connecting options: A. Flush to dash/panel requires drilling a  $\frac{3}{4}$ " hole B. Flush with Support bracket (Mount USB terminal wherever your installation demands without drilling)

#### A. Flush to Dash or Panel (drilling required)

1. Drill a  $\frac{3}{4}$ " hole in the dash or panel using a step drill bit or equivalent (See Fig. 11)



Fig. 11  
Step drill bit

2. Insert supplied 3ft. USB male terminal (See Fig. 12) through hole created in step 1 and connect to install harness USB port (See Fig. 13)

#### Flush mount 3 ft. USB cable



Fig. 12

#### installation harness USB port



Fig. 13

1. Snap USB extension cable head (See Fig. 14) in place and flush with mounting surface (See Fig. 15)

#### USB head



Fig. 14

1. Tuck and secure any extra wire from moving parts and test operation



Fig. 15  
Flush mounted

#### B. Bracket Mount (No drilling)

1. Locate a flat surface at location of choice within 3.2 ft. of module and mount USB support bracket (See Fig. 16) to surface using adhesive/tape or screws (included).

- **USB mounting bracket**



1. Insert male terminal through hole in bracket (See Fig. 17) and connect to module USB port (See Fig. 13)



2. Snap USB head (See Fig. 17) to bracket until flush (See Fig. 18)



3. Tuck and secure any extra wire away from moving parts and test operation (See Bluetooth Pairing and Connection)

## **Bluetooth media button**

Pairing: Ensure Bluetooth is enabled on your device (e.g., Smartphone/Tablet etc.) Press and hold pause/play until Blue LED begin flashing Scan smartphone for available devices and select BT009 from list. (Blue LED turns off).



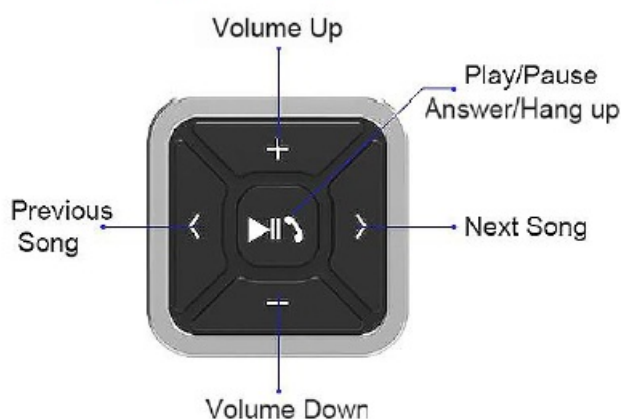
## **Installing:**

Attach the button to steering wheel (includes holder) or attach to dashboard using included double-sided tape – your choice. Because the media button pairs with your Smart device, it can also be used at home, in the park or

wherever you decide to play your tunes.

### Operation:

Once paired with smart device (e.g., Phone, Tablet, etc.), users may perform the following functions on iOS with Bluetooth 3.0 and later or Android 4.0 or later.



**Media button functions applies to smartphone NOT the C5 radio.**

### Charging:

Media button built-in rechargeable 200mAH battery may last up to 10 days. Connect included USB cable to charge charging port at the back. Red LED indicates charging; A full charge is reached after 2 hours at which time LED turns off.



### Pairing module

Pairing varies among devices but basic steps are the same. This process is done upon initial install and will not have to be repeated.

1. Turn ignition and radio "ON" Blue LED through module peephole will flash (pairing mode)
2. On A2DP device: go to Bluetooth Settings, Tap to Scan
3. Wait for Bluetooth device name (See Fig. 19) to appear and tap it. Once paired confirmation tone is heard on car speakers

### Operation

1. Turn ignition and radio "ON"
2. Press "CD" button on radio



3. Launch smartphone music streaming application
4. Use media button to change tracks, adjust device volume, pause etc.
5. Place test call or ask someone to call. Use media button Pause/play button end call.

**Note:** Media button is used to accept/end calls and switch between Bluetooth and CD playback (if retaining CD changer) or to switch between Bluetooth and aux (not retaining CD changer)

1. If correct operation is confirmed go ahead and reinstall radio.

**Warning:** Playlist, Track selection, display name/number are \*NOT\* possible from radio. Use audio device built-in controls or optional wireless remote to access and control audio files and applications.

### **Frequent ask questions & troubleshooting**

1. What is the difference between the A2D-CR12 and A2DIY-CR12? The A2DiY-CR12 includes music streaming Hand-free calls and AUX. The A2D-CR12 supports music streaming but does not support hands-free calls.
2. Does the A2DIY-CR12 work on all Porsche radios? Works on Porsche CR-1 and CR-2 radios only
3. Will radio display call number or song name? NO. These features are not possible on these radios.
4. Is it possible to control smartphone from radio buttons? NO; Use smartphone built-in controls, media button or smartphone voice commands. Use radio volume button to set playback level.
5. I selected CD changer retention option but how do I listen to CD's? Press CD button on radio to enter Bluetooth mode (if not already), then press media button pause/play.
6. How do I listen to AUX device? Press CD button on radio to enter Bluetooth Mode (if not already), Connect aux device to 3.5mm plug, press Play/pause on media button. To return to streaming music, press Pause/Play again.
7. Will radio mute when call is made and/or received? Muting is only possible when radio is in "CD/Bluetooth mode. If in AM/FM mode; radio will not mute. To hear caller on car speaker; radio must be ino "CD/Bluetooth" mode.
8. My second phone does not pair or find Bluetooth module. What gives? Ensure no other phone is paired. Allow module to enter "discovery" mode at which point it will be ready for pairing.

### **Disclaimer**

1. This product has no affiliation with Porsche or Apple
2. When possible, professional installation is recommended

Email [support@discountcarstereo.com](mailto:support@discountcarstereo.com)

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### **Documents / Resources**



[PORSCHE A2DIY-CR12 Add-On Module for CR-1 and CR-2 Radios](#) [pdf] Installation Guide  
A2DIY-CR12 Add-On Module for CR-1 and CR-2 Radios, A2DIY-CR12, Add-On Module for CR-1 and CR-2 Radios, CR-1 and CR-2 Radios, Add-On Module, Module

## References

- [Discount Car Stereo > Catalog](#)

Manuals+.